

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031723\
 Data File : VY012987.D
 Acq On : 17 Mar 2023 15:24
 Operator : KP/MD
 Sample : VY0317SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0317SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 03/20/2023
 Supervised By :Mahesh Dadoda 03/20/2023

Quant Time: Mar 18 05:45:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	107525	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	164265	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	146163	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	74748	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	49338	46.215	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.420%		
35) Dibromofluoromethane	7.716	113	48706	49.132	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.260%		
50) Toluene-d8	10.179	98	162223	44.762	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	89.520%		
62) 4-Bromofluorobenzene	12.483	95	59241	48.430	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	96.860%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	21210	20.013	ug/l	100
3) Chloromethane	2.113	50	24254	19.143	ug/l	97
4) Vinyl Chloride	2.247	62	20777	17.883	ug/l	98
5) Bromomethane	2.631	94	14645	20.745	ug/l	97
6) Chloroethane	2.784	64	13447	19.326	ug/l	95
7) Trichlorofluoromethane	3.119	101	38762	20.087	ug/l	95
8) Diethyl Ether	3.527	74	14448	21.366	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.899	101	24667	21.247	ug/l	98
10) Methyl Iodide	4.088	142	29845	19.730	ug/l	99
11) Tert butyl alcohol	4.948	59	18116	138.570	ug/l #	83
12) 1,1-Dichloroethene	3.863	96	23017	20.787	ug/l	98
13) Acrolein	3.729	56	15187	81.197	ug/l	97
14) Allyl chloride	4.472	41	44112	21.567	ug/l	99
15) Acrylonitrile	5.155	53	40695	114.214	ug/l	99
16) Acetone	3.942	43	46666	111.366	ug/l	93
17) Carbon Disulfide	4.186	76	70694	18.757	ug/l	99
18) Methyl Acetate	4.472	43	27943	22.393	ug/l	99
19) Methyl tert-butyl Ether	5.216	73	64100	22.412	ug/l	96
20) Methylene Chloride	4.710	84	34943	24.597	ug/l	99
21) trans-1,2-Dichloroethene	5.216	96	25252	20.986	ug/l	97
22) Diisopropyl ether	6.112	45	85334	22.971	ug/l	96
23) Vinyl Acetate	6.057	43	263396	114.111	ug/l	100
24) 1,1-Dichloroethane	6.015	63	46530	21.980	ug/l	97
25) 2-Butanone	6.984	43	61364	118.233	ug/l	96
26) 2,2-Dichloropropane	6.972	77	42581	22.648	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	28738	22.277	ug/l	99
28) Bromochloromethane	7.326	49	17468	22.580	ug/l	100
29) Tetrahydrofuran	7.344	42	36277	115.892	ug/l	99
30) Chloroform	7.502	83	47623	22.776	ug/l	98
31) Cyclohexane	7.783	56	40608	19.861	ug/l	92
32) 1,1,1-Trichloroethane	7.697	97	41643	22.023	ug/l	99
36) 1,1-Dichloropropene	7.911	75	35046	21.096	ug/l	99
37) Ethyl Acetate	7.069	43	24657	23.549	ug/l	98
38) Carbon Tetrachloride	7.899	117	37305	21.746	ug/l	98
39) Methylcyclohexane	9.179	83	40498	20.505	ug/l	93
40) Benzene	8.155	78	102903	21.898	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	11873m	21.047	ug/l	
42) 1,2-Dichloroethane	8.234	62	32060	22.692	ug/l	100
43) Isopropyl Acetate	8.270	43	43255	23.155	ug/l	100
44) Trichloroethene	8.941	130	26838	21.661	ug/l	100
45) 1,2-Dichloropropane	9.215	63	26451	22.272	ug/l	99
46) Dibromomethane	9.301	93	15922	23.533	ug/l	97
47) Bromodichloromethane	9.496	83	36328	22.785	ug/l	98
48) Methyl methacrylate	9.289	41	19424	22.566	ug/l	97
49) 1,4-Dioxane	9.301	88	4485	512.767	ug/l	99
51) 4-Methyl-2-Pentanone	10.069	43	121871	120.268	ug/l	99
52) Toluene	10.240	92	62703	22.125	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	36851	22.035	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	42437	22.419	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	21593	22.916	ug/l	96
56) Ethyl methacrylate	10.508	69	29125	23.181	ug/l	97
57) 1,3-Dichloropropane	10.788	76	36290	22.612	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	75150	113.940	ug/l	100
59) 2-Hexanone	10.831	43	89124	121.016	ug/l	99
60) Dibromochloromethane	10.983	129	26782	23.350	ug/l	97
61) 1,2-Dibromoethane	11.087	107	20859	22.981	ug/l	100
64) Tetrachloroethene	10.715	164	23715	22.285	ug/l	98
65) Chlorobenzene	11.514	112	67287	21.935	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.587	131	25680	22.623	ug/l	99
67) Ethyl Benzene	11.593	91	117895	21.859	ug/l	97
68) m/p-Xylenes	11.703	106	91415	44.060	ug/l	98
69) o-Xylene	12.026	106	43187	22.303	ug/l	98
70) Styrene	12.044	104	72865	22.549	ug/l	100
71) Bromoform	12.203	173	17183	23.217	ug/l #	98
73) Isopropylbenzene	12.331	105	114416	21.598	ug/l	99
74) N-amyl acetate	12.142	43	37178	22.305	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	27270	22.900	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	16503m	18.488	ug/l	
77) Bromobenzene	12.605	156	27895	21.676	ug/l	100
78) n-propylbenzene	12.672	91	142273	21.784	ug/l	100
79) 2-Chlorotoluene	12.757	91	78989	21.761	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	95602	21.868	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	9631	22.357	ug/l	96
82) 4-Chlorotoluene	12.855	91	83117	22.120	ug/l	99
83) tert-Butylbenzene	13.074	119	83432	22.111	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	94078	22.007	ug/l	100
85) sec-Butylbenzene	13.251	105	125552	21.810	ug/l	99
86) p-Isopropyltoluene	13.367	119	103849	22.073	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	55488	22.356	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	55127	21.762	ug/l	98
89) n-Butylbenzene	13.696	91	98355	21.838	ug/l	99
90) Hexachloroethane	13.958	117	20999	21.430	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	49929	22.253	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4457	23.159	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	29692	21.493	ug/l	99
94) Hexachlorobutadiene	15.111	225	17997	21.359	ug/l	98
95) Naphthalene	15.233	128	58824	21.249	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	26100	21.243	ug/l	98

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

